

Title (en)  
New bisanthraquinone azomethine dyes

Title (de)  
Bisanthraquinonazomethinfarbstoffe

Title (fr)  
Colorants bis anthraquinone-azométhiniques

Publication  
**EP 1447429 A1 20040818 (EN)**

Application  
**EP 03002963 A 20030211**

Priority  
EP 03002963 A 20030211

Abstract (en)  
The present invention relates to novel colorants based on bisanthraquinone azamethine derivatives or their metal complexes for the mass coloring of polymers, either for polar polymers such as polyamides, polyesters, polycarbonates and ABS; or for non-polar polymers such as polyethylene and polypropylene. <??>The novel colorants are characterized by i) a central substituted or unsubstituted annealed aromatic ring system comprising at least one heteroatom and ii) two anthraquinone moieties attached thereto by azamethine bridges. <??>The novel colorants provide for excellent compatibility with the polymer substrate, excellent heat stability and light fastness.

IPC 1-7  
**C09B 1/22**; C09B 55/00; C08K 5/3442

IPC 8 full level  
**C09B 1/22** (2006.01); **C11B 9/00** (2006.01)

CPC (source: EP)  
**C09B 1/22** (2013.01); **C11B 9/0073** (2013.01)

Citation (applicant)  

- JP H0517697 A 19930126 - MITSUI TOATSU CHEMICALS
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Citation (search report)  

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- [Y] US 3970649 A 19760720 - BOHLER HANS, et al
- [DY] DE 1060527 B 19590702 - BAYER AG
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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

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